Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 00:00 on Tuesday 21 Nov 2023 until 23:59 on Wednesday 22 Nov 2023

Forecast Issued on Monday 20 Nov 2023 at 11:47

Confidence: High confidence through the beginning of the period, becoming moderate from later Thursday.

Headline for Tuesday 21 Nov 2023: Early low cloud and rain clearing to leave a dry and bright day.

Mountain weather hazards on Tuesday 21 Nov 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** No Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Drizzle	Light rain	Cloudy	Cloudy	Sunny intervals	Sunny intervals	Cloudy	Cloudy
Precipitation probability							
40%	40%	30%	10%	<05%	<05%	<05%	<05%

Forecast for Tuesday 21 Nov 2023

Weather: Low cloud with some outbreaks of light rain or drizzle will affect the area during the early hours accompanied by strong northerly winds but this clearing south by around dawn. High cloud will linger for most of the day but it will remain dry and bright with some sunny spells breaking through at times.

Chance of cloud-free hill tops above 600m: 20-30% improving to 90% just after dawn

Low Cloud and visibility: Scattered or broken cloud base 500-700m, clearing south around dawn. Visibility generally good but moderate in early rain and poor in hill fog at first.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Forecast for Tuesday 21 Nov 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	21/31 N	22/32 N	19/29 N	14/23 NE	10/15 N	5/8 N	4/6 W	7/11 SW	11/18 SW
300	13/27 N	15/31 N	13/28 N	11/23 N	7/13 N	4/7 N	3/5 NW	3/8 SW	5/13 SW
Valley	15/32 N	9/22 N	10/23 N	4/12 N	6/13 N	3/7 NW	2/3 W	2/6 SW	2/9 SW

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	5/-1	4/-1	4/-1	3/-2	4/-0	3/1	2/-0	2/-1	2/-2
300	7/3	6/3	6/2	6/2	6/4	6/4	3/1	2/1	3/1
Valley	8/4	8/6	7/5	7/5	8/6	7/6	4/2	4/2	5/4
Freezing Level*	1700m	1400m	1200m	1000m	900m	900m	900m	900m	1600m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Be prepared for cold temperatures at height.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Mon 20 Nov 2023	12.4mm	25mm	40.2mm

Forecast for Wednesday 22 Nov 2023

Weather: It will be a cloudy start to the day with outbreaks of mainly light rain through the morning and increasing west or southwesterly winds. Drier into the afternoon with breaks in the cloud at times giving bright or sunny spells.

Maximum wind: West or southwesterly 20-25mph gusting 35-40mph

Chance of cloud-free hill tops above 600m: 10-20% during the morning, increasing to 40-50% into the afternoon

Low Cloud and visibility: Broken or overcast cloud base 500-600m from the early hours, lifting and breaking into the afternoon to scattered 600-800m. Visibility moderate in rain, otherwise good outside of cloud.

Temperature: **Valleys:** Plus 6 rising to plus 10 Celsius
At 600m: Plus 3 to 6 Celsius
Freezing level: Above summits

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